Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 04 Mar 2022 until 23:59 on Saturday 05 Mar 2022

Forecast Issued on Thursday 03 Mar 2022 at 11:59

Confidence: Low for rain and hill snow details on Friday and Saturday with a waving front moving slowly and erratically over the UK. High for mainly dry conditions from Sunday onwards.

Headline for Friday 04 Mar 2022: Outbreaks of rain and hill snow, perhaps dry later. Light winds.

Mountain weather hazards on Friday 04 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Light snow	Light snow	Light snow	Light snow	Cloudy	Cloudy
Precipitation probability							
90%	90%	70%	70%	70%	50%	50%	30%

Forecast for Friday 04 Mar 2022

Weather: Rain, with snow above 500 or 600m, heavy for a time in the early hours but lighter by dawn. Outbreaks of rain through the morning with snow above 600 or 700m. This is expected to last into the afternoon but should be mainly light and may clear from the west late in the afternoon or early evening. A chance of clear spells in the evening.

Chance of cloud-free hill tops above 800m: Virtually Nil chance overnight and through the morning, becoming 40% in the afternoon then 70% in the evening.

Low cloud and visibility: Snow and extensive low cloud down to 400 or 500m giving very poor visibility at height, often down to tens of metres. Below the cloud, generally hazy, down to a few km in rain. Visibility may slowly improve through the afternoon as cloud slowly lifts with clearer conditions arriving later. Low confidence for any details.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Friday 04 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	10/14 N	12/16 N	11/15 N	10/14 N	10/15 N	14/20 N	16/22 N	20/27 N	22/29 N
600	9/13 N	8/12 N	9/13 NW	8/12 N	10/15 N	13/18 N	13/19 N	14/21 N	16/23 N
300	6/12 N	6/12 N	7/13 NW	6/11 NW	7/13 N	9/17 N	8/17 N	7/18 N	8/20 N
Valley	8/13 N	5/10 N	6/11 N	4/8 N	7/11 N	8/15 N	9/17 N	9/18 N	10/21 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-5	-0/-6	-0/-5	-1/-5	-0/-5	-0/-6	-1/-7	-2/-8	-2/-9
600	2/-2	1/-2	1/-3	1/-2	2/-2	2/-3	1/-4	0/-5	-0/-6
300	4/1	3/1	3/0	3/1	4/1	4/1	3/0	3/-1	2/-2
Valley	6/3	6/4	5/3	6/4	7/4	7/4	6/3	5/2	4/1
Freezing Level*	900m	900m	800m	800m	900m	900m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult navigation conditions up in the hills from poor visibility and snow. There may be a slow improvement through the afternoon but it is hard to promise anything. Advise checking our very latest forecast for updates.

Forecast for Saturday 05 Mar 2022

Weather: Clear spell and frost overnight. Mainly dry with some brightness in the morning but outbreaks of rain spreading westwards through the afternoon, with snow above 600m. Low confidence.

Maximum wind: North 25mph gusts 35mph. Severe wind chill.

Chance of cloud-free hill tops above 800m: 70% becoming 30%.

Low cloud and visibility: Good in morning but cloud and fog becoming extensive above 600m in afternoon. Becoming hazy on lower slopes.

Temperature: **Valleys:** Minus 1 Celsius rising to 7 Celsius.
At 800m: Minus 3 Celsius rising to 1 Celsius.
Freezing level: 600m rising to 900m.

Sunday	Outbreaks of rain and summit snow clearing overnight then a dry day with bright spells. Light winds. Freezing level 700m.
Monday	Dry with bright spells but feeling bitterly cold in the strengthening southeasterly winds. Freezing level 400m.
Tuesday	Likely to stay mostly dry with sunny spells but still feeling very cold at height with a severe wind chill. Strong southerly winds.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 3 March 2022 Location: Helvellyn summit at 11:00 Full report: Another cloudy day on the fells with rain at all levels and a daytime summit temperature marginally above freezing. Conditions were similar on Wednesday with the result that the remaining snow is both softening and beginning to thaw – but very slowly above 800m where the majority of the remaining snow is located. Patches of snow can be found above 700m in sheltered spots and hollows and on steep north and east facing slopes. Where undisturbed, the snowpack above 800m was mostly firm, sometimes hard and sometimes soft! Where it has been compacted by walkers' boots on popular routes the snow was hard and icy creating an obvious slippery hazard on paths. Walkers out on the highest fells on Friday should note that such ice may lurk beneath some fresh snow which could fall overnight. However, at the time of writing the majority of ground up to, and including, summit level is now free from snow especially on south and west facing aspects. For example hardly any snow was encountered on the Swirrals footpath up Helvellyn (on the west side of the mountain) and that which was present could easily be avoided. At the top of some snow covered north and especially east facing slopes there are some overhangs – ie cornices. Although small, they are weakening and it is a steep drop beneath them, so please keep completely off any such snow covered edges and advise those with less experience to do likewise. Despite the appearance of daffodils in the valleys, the summit windchill (what the temperature feels like) remains below freezing so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots (not trainers) and equipment - including torch, map & compass and the ability to use them - are all essential for those going onto the fells. For those doing routes that necessitate crossing or climbing steep snow slopes – such as Striding and Swirral Edges which both have banks of deep, steep unavoidable snow guarding their exits - an ice axe is essential and crampons must be carried in case hard snow and ice is encountered. Please don't be lulled into a false sense of security by the fact that the crest of Striding Edge is just bare rock! Temperature: plus 1.5 C, Maximum wind speed 26.8 mph, Wind chill: minus 6.0 C, Average wind speed: 16.7 mph.

Issued at: 1159 on Thu 03 Mar 2022

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